

Serial No. 10/802,524

Reply to Communication of 12/23/2008

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30. (Currently Amended): The program storage device of claim 29, wherein the ~~[[said]]~~ subcategory risks ~~of said risk categories~~ is selected from a group consisting of: gains risks, losses risks, stuck pipe risks, and mechanical risks.
31. (Currently Amended): The program storage device of claim 28, wherein said individual risks are selected from a group consisting of: H₂S and CO₂, Hydrates, Well water depth, Tortuosity, Dogleg severity, Directional Drilling Index, Inclination, Horizontal displacement, Casing Wear, High pore pressure, Low pore pressure, Hard rock, Soft Rock, High temperature, Water-depth to rig rating, Well depth to rig rating, mud weight to kick, mud weight to losses mud weight to fracture, mud weight window, Wellbore stability window, wellbore stability, Hole section length, Casing design factor, Hole to casing clearance, casing to casing clearance, casing to bit clearance, casing linear weight, Casing maximum overpull, flow top of cement, Cement to kick, cement to losses, cement to fracture, Bit excess work, Bit work, Bit footage, bit hours, Bit revolutions, Bit Rate of Penetration, Drillstring maximum overpull ~~overpull~~, Bit compressive strength, Kick tolerance, Critical flow rate, Maximum flow rate, Small nozzle area, Standpipe pressure, ECD to fracture, ECD to losses, Gains, Gains Average, Losses, Losses average, Stuck, Stuck average, Mechanical, Mechanical average, Risk Average, Subsea BO₃, Large Hole, Small Hole, Number of casing strings, Drillstring parting, and Cuttings.
32. (Currently Amended): The program storage device of claim 26, wherein the step of generating the ~~[[said]]~~ risk information in response to ~~said plurality of the~~ ranked risk

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values comprises the step of receiving ~~said plurality of the~~ ranked risk values and calculating ~~the said one or more~~ ranked risk categories.

33. (Currently Amended): The program storage device of claim 32, wherein the step of displaying ~~the~~ risk information comprises the step of: displaying ~~the said one or more~~ ranked risk categories

34. (Currently Amended): The program storage device of claim 27, wherein the step of generating ~~the~~ risk information in response to ~~the said plurality of~~ ranked risk values comprises the step of receiving ~~said plurality of~~ ranked risk values and calculating ~~the said one or more~~ ranked subcategory risks.

35. (Currently Amended): The program storage device of claim 34, wherein the step of displaying ~~the~~ risk information comprises the step of: displaying ~~said one or more~~ ~~the~~ ranked subcategory risks.

36. (Currently Amended): The program storage device of claim 28, wherein the step of generating ~~the~~ risk information in response to ~~the said plurality of~~ ranked risk values comprises the steps of receiving ~~the said plurality of~~ ranked risk values and using ~~said plurality of the~~ ranked risk values to represent ~~said plurality of the~~ ranked individual risks.

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37. (Currently Amended): The program storage device of claim 36, wherein the step of displaying the ~~[[said]]~~ risk information comprises the step of ~~[[:]]~~ displaying ~~said plurality~~ of the ranked individual risks.

38. – 70. (Canceled)